

## XP-002208806

AN - 1997-553223 [51]

AP - JP19960067309 19960228

CPY - POKK

DC - B04 D13 D21

FS - CPI

IC - A23G3/00 ; A23L1/06 ; A23L1/30 ; A61K7/00 ; A61K7/48 ; A61K35/78

MC - B04-A08C2 B04-A10 B14-D02A B14-R01 D03-H01T2 D08-B

M1 - [01] M423 M781 M903 N161 N164 P447 P448 P617 Q211 Q220 V400 V404 V406

PA - (POKK) POLA CHEM IND INC

PN - JP9227400 A 19970902 DW199751 A61K35/78 007pp

PR - JP19960067309 19960228

XA - C1997-176645

XIC - A23G-003/00 ; A23L-001/06 ; A23L-001/30 ; A61K-007/00 ; A61K-007/48 ;  
A61K-035/78

AB - J09227400 Adrenocortical hormone, particularly glucocorticoid or cortisol, secretion inhibitor comprises an essence of hybrid lavender derived from true lavender, *Lavandula angustifolia* Mill. as a maternal line and spike lavender, *Lavandula latifolia* as a paternal line.

- Hybrid plants are preferably dried, cut, extracted, distilled or steam distilled to give products. The obtained essence is added in cosmetics at concentrations of 0.01-60 (preferably 0.05-40, especially 0.1-30) wt.% and to foods.

- USE - The inhibitor is used for a stress modulator.

- ADVANTAGE - Decrease of adrenocortical hormones, an indicator of stress, in body fluid. In an example, whole flowering hybrid lavender was washed, dried, cut to pieces and pulverised to give the product. Calculation task was carried out for 30 minutes at 4 second intervals by 20 volunteers in the presence of the product. The concentration of adrenocortical hormones in saliva was determined before and after the task, 0.243 and 0.299  $\mu\text{g/dl}$ , respectively, was found, while a control group who carried out the calculation task in the absence of the product gave corresponding rate of 0.240 and 0.351  $\mu\text{g/dl}$ , respectively.

- (Dwg.0/0)

IW - ADRENOCORTICAL HORMONE SECRETION INHIBIT COMPRISE ESSENCE HYBRID LAVENDER DERIVATIVE TRUE LAVENDER ANGUSTIFOLIA MILL SPIKE LAVENDER

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NC - 001

OPD - 1996-02-28

ORD - 1997-09-02

PAW - (POKK) POLA CHEM IND INC

TI - Adrenocortical hormone secretion inhibitor - comprises essence of hybrid lavender derived from true lavender, *Lavandula angustifolia* Mill. and spike lavender, *Lavandula latifolia*